

Appl. No. 09/061,019
Amdt. dated November 25, 2003
Reply to Office action of June 26, 2003

Page 2

IN THE CLAIMS:

The claims as currently presented and under consideration, are presented below for the Examiner's convenience and to comply with 37 CFR §1.121. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. through 10 [Cancelled]

11. [Currently Amended] A fusion polypeptide comprising from the amino end:
- an amino acid sequence comprising a signal peptide functional in *Aspergillus*;
 - an amino acid sequence comprising a secreted polypeptide or portion thereof normally secreted from *Aspergillus*;
 - optionally an amino acid sequence comprising a cleavable linker; and
 - an amino acid sequence comprising a desired glycosyltransferase from which the transmembrane anchoring region has been deleted.
12. [Original] A fusion polypeptide of Claim 11 wherein the desired glycosyltransferase is selected from the group consisting of sialyltransferase, galactosyltransferase and fucosyltransferase.
13. [Original] A fusion polypeptide of Claim 11 wherein the signal peptide is selected from the group consisting of signal peptides from glucoamylase, α -amylase, and aspartyl protease from *Aspergillus* species and signal peptides from *Trichoderma* cellobiohydrolase I and II, and endoglucanase I and II.
14. [Original] A fusion polypeptide of Claim 13 wherein the signal peptide is the signal peptide from *A. niger* var. *awamori* glucoamylase.

Appl. No. 09/061,019
Amdt. dated November 25, 2003
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Page 3

15. [Original] A fusion polypeptide of Claim 11 wherein the secreted polypeptide or portion thereof is glucoamylase from *Aspergillus*.
16. [Original] A fusion polypeptide of Claim 15 wherein the secreted polypeptide is the full length mature glucoamylase from *A. niger* var. *awamori*.
17. [Original] A fusion polypeptide of Claim 15 wherein the secreted polypeptide is a portion comprising 50% of glucoamylase from *A. niger* var. *awamori*.
18. [Original] A fusion polypeptide of Claim 11 wherein the signal peptide comprises the signal peptide of *A. niger* var. *awamori* glucoamylase, the secreted polypeptide or portion thereof comprises glucoamylase from *A. niger* var. *awamori*, and the desired glycosyltransferase is selected from the group consisting of sialyltransferase, galactosyltransferase and fucosyltransferase.